Drive-Offs and Other Customer Abuse

- If the hanging hardware components are involved in a drive-off or if they incur some customer abuse, and they are not replaced as new, each individual component of the hanging hardware **must be visually inspected and functionally tested** before the components can return to dispensing fuel.

    - A visual assessment and functional tests are outlined in the following pages.

- **ANY COMPONENT THAT DOES NOT PASS A VISUAL INSPECTION OR FUNCTIONAL TEST MUST BE REPLACED.**

- **IF THE BREAKAWAY IS INVOLVED IN A DRIVEOFF, IT MUST BE REPLACED.**

  THE BREAKAWAY IS NON-RECONNECTABLE.

- Before beginning work, barricade the work area to block customer use.

Drive Offs & Other Customer Abuse: Perform a Visual Assessment

Visually inspect the hanging hardware system as follows to determine the extent of the damage:

Action	Test Procedure	Corrective Action	Reference Material	Authorized Personnel
Perform a thorough visual examination of the exterior of the whip hose and the curb hose for any obvious imperfections.	Obvious imperfections include, but are not limited to: • Damage to the swivels • Damage to the couplings • Kinks / flat spots • Tears to the outer hose	Replace with new VST hose(s).	Section 12	**Hose replacement**: GDF Owner/Operator or VST ASC Levels A, B, or C
	If there are no imperfections to the whip and curb hose, those hoses may be reused.	After reassembly, conduct required functional tests.	Section 12	VST ASC Levels A, B, or C
		If the functional tests fail, replace the hose(s).	Section 12	GDF Owner/Operator or VST ASC Levels A, B, or C
Perform a thorough visual inspection of the nozzle for any obvious imperfections.	Obvious imperfections include, but are not limited to: • Damaged spout (broken, bent) • Damage to the face-seal collection sleeve / interlock rod assembly • Broken face seal • Torn collection sleeve • Bent interlock rod • Nozzle alignment marks • Damage to the lever and lever guard	Replace damaged components where applicable.	Section 11	**Nozzle repair:** VST ASC Levels A, B, or C
		Replace with new VST nozzle.	Section 10	**Nozzle replacement**: GDF Owner/Operator or VST ASC Levels A, B, or C
If no imperfection or damage is visibly evident, proceed to functional testing.				

Function Testing Description

Perform the following functional tests prior to re-using a hose or a nozzle following a drive-off:

Test	Test Procedure	Corrective Action	Authorized Personnel
Leak Check	• Verify that there are no liquid leaks in all components. • Dispense fuel and check each connection between the components. • A visual inspection of the nozzle can determine any obvious liquid leaks.	Any component that does not pass the functional test must be replaced. Go to Sections 10, 12, and 13	GDF Owner/Operator or VST ASC Levels A, B, or C
Meter Creep	• Checking for meter creep will verify the integrity of the connections. • Dispense 1/10 to 2/10 of a gallon of fuel into an approved container then release lever and move components around and/or gently shake the hose and verify if the displace amount on the dispenser changes.	Any component that does not pass the functional test must be replaced. Go to Sections 10, 12, and 13	GDF Owner/Operator or VST ASC Levels A, B, or C
Automatic Shut-Off and Insertion Interlock	• Section 10 • The insertion interlock mechanism shall not allow dispensing when the bellows is uncompressed as determined by direct observation or GDF-09 (See Vapor Recovery Defects list).	Repair or replace the nozzle Go to Section 11	**Nozzle replacement** GDF Owner/Operator or VST ASC Levels A, B, or C **Nozzle repair** VST ASC Levels A, B, or C
Resistance	• Section 10	Any component that does not pass the functional test must be replaced. Go to Sections 10, 12, and 13	GDF Owner/Operator or VST ASC Levels A, B, or C